




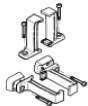







USA	Effective Date	5-Nov-17		
	Product Code	Sub-Code	Description	\$USD Price
<b>Monitoring Geodetic Sensors</b>				
<b>Leica TM50/TS60/MS50 Precision Total Stations</b>				
	<b>TM50 Precision Automated Total Stations</b>			
	805082		TM50, 0.5" (0.15mgon), Total Station delivered with one full VGA colour touch screen, 1 GB internal flash memory, standard applications, Quick Guide, Documentation USB Card and upright container GVP648.	\$ 42,105
	805084		TM50, 1" (0.3mgon), Total Station delivered with one full VGA colour touch screen, 1 GB internal flash memory, standard applications, Quick Guide, Documentation USB Card and upright container GVP648.	\$ 35,805
	805085		TM50 i, 0.5" (0.15mgon), Total Station delivered with one full VGA colour touch screen, 5 Megapixel imaging, 1 GB internal flash memory, standard applications, Quick Guide, Documentation USB Card and upright container GVP648	\$ 45,255
	805086		TM50 I, 1" (0.3mgon), Total Station delivered with one full VGA colour touch screen, 5 Megapixel imaging, 1 GB internal flash memory, standard applications, Quick Guide, Documentation USB Card and upright container GVP648	\$ 38,955
	<b>TS60 Precision Automated Total Stations</b>			
	822430		TS60 I 0.5" (0.15mgon), total station with reflectorless EDM (R1000), automatic target recognition, PowerSearch, 5 Megapixel imaging, 1 GB internal flash memory, standard applications, Quick Guide, Documentation USB Card and upright container GVP648	\$ 50,000
	<b>MS60 MultiStation</b>			
	822431		MS60 1" (0.3mgon), MultiStation with reflectorless EDM (R2000) and high-speed 1000Hz EDM, automatic target recognition, PowerSearch, 5MP imaging, overview camera, telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 1 GB internal flash memory, laser plummet, 2 keyboards with full VGA colour touch screen, electronic guide light EGL, SmartWorx Viva software, Quick Guide and upright container.	\$ 51,000
<b>Calibration Certificates</b>				
	<b>Calibration Certificates</b>			
	812535		Calibration Cert. "Gold", Angle	\$ 1,595
	812536		Calibration Cert. "Gold", A + Dist IR	\$ 1,995
	812539		Calibration Cert. "Gold", A + Dist, IR & RL	\$ 2,995
	812542		Calibration Cert. "Silver", Angle	\$ 450
	812543		Calibration Cert. "Silver", A + Dist, IR	\$ 850
	812544		Calibration Cert. "Silver", A + Dist, IR&RL	\$ 1,050
	812541		Calibration Certificate "Blue" (incl. on myWorld)	\$ myWorld
	<b>Camera Calibration</b>			
	793861		Overview Camera calibration workflow. Article ensures the predelivery logistics for the calibration of the Overview Camera	\$ 875
3rd party fees for instrument calibration and licensing of software are not included				
<b>SmartWorx Viva Application Programs &amp; Software Options (TM50)</b>				
	<b>SmartWorx Viva Software</b>			
	807728		Leica Nova & Leica Viva Documentation USB card	\$ 50
	781305		TS SmartWorx Viva License Key	\$ 700
	<b>Optional Applications for SmartWorx Viva</b>			
	781324		TS COGO Area Division	\$ 150
	781326		TS DTM Stakeout	\$ 250
	781336		TS Survey Monitoring -> Requires Survey TS Sets of Angles	\$ 500
	781322		TS Reference Line	\$ 250
	781323		TS Reference Plane & Grid Scanning	\$ 500
	781328		TS RoadRunner Road	\$ 950
	781330		TS RoadRunner Rail	\$ 950
	781329		TS RoadRunner Tunnel	\$ 950
	781343		TS Road Runner Importer	\$ N/C
	781334		TS Sets of Angles	\$ 290
	781325		TS Cross Section	\$ 250
	781327		TS Surface & Volumes	\$ 295
	781332		TS Hidden Point	\$ 250
	781333		TS Traverse	\$ 200
	781346		TS Imaging License	\$ 50
	789392		TS Unlevelled Setup	\$ 2,500
	807763		TS Quick Volume	\$ 250
	820466		TS Monitoring	\$ 1,650
<b>Reflectors</b>				
	<b>Standard Reflectors</b>			
	641617		GPR121, PRO, Circular prism, with holder and target plate	\$ 405
	<b>Monitoring Reflectors</b>			
	726295		GPR112 Monitoring-Mining Prism, with M8 internal thread in the back for direct mounting and 5/8"	\$ 120
	726296		GHT112 Mounting set for GPR112 with M8 and 5/8" internal thread adapters, suitable for direct fixing systems c	\$ 40
	727406		GDZ112, rain shelter for Monitoring Mining Prism GPR112. Full availability of the prism even in rainy conditions.	\$ 25
	<b>360° Reflectors</b>			
	639985		GRZ4, 360° reflector.	\$ 995
	754384		GRZ122, 360° reflector with 5/8" thread adapter for mounting of GPS antenna.	\$ 1,700
	<b>Precision Reflectors</b>			
	555631		GPH1P, Single-prism precision reflector.	\$ 1,950
	<b>Mini Reflectors</b>			
	641662		GMP101, Mini prism, incl. bubble, target plate and spike, in bag, also suitable for GLS11 and GRT44 (same height)	\$ 235
	641762		GMP104, Mini prism, with L-bar, for fixed installations.	\$ 120


Tribrachs				
	<b>Tribrachs</b>			
	777508	GDF321, Tribrach without optical plummet	\$	385
	<b>Tribrach Accessories</b>			
	667718	GHM007 Instruments height meter.	\$	55
	722045	GHT196, Distance holder for height meter.	\$	15
Carriers				
	<b>Carriers with 5/8" Screw</b>			
	667216	GRT146, Carrier with 5/8" screw, GPS antenna screws on directly.	\$	115
	<b>Carriers with Stub</b>			
	667313	GRT144, carrier for GPS antenna, EDM reflectors and target plates, pale green.	\$	130
	667217	GAD31, Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	\$	140
Handles				
	767802	GAD110 SmartAntenna Adapter to mount GS15 SmartAntenna on TPS1200+ and TS30. Required to attach GAD112 to TS11/TS15/TS30/TM30/TS50/TM50/MS50 Total Station for GRZ122 360° reflector setup.	\$	775
	779082	GAD112, Adapter for GAD110 to setup GRZ122.	\$	90
GNSS Sensors				
<b>GM30 Monitoring Sensors</b>				
	841530	GM30, Monitoring receiver, 555 channels with GPS & GLONASS L1. Multiple 1 Hz raw data logging and stream	\$	7,400
<b>Purchasable Options for GM30</b>				
	842484	GRL200, Multi-frequency tracking option for GM30 GNSS receiver.	\$	4,010
	842486	GRL202, Galileo option for GR30/GR50/GM30 GNSS receiver.	\$	1,470
	842488	GRL203, BeiDou option for GR30/GR50/GM30 GNSS receiver.	\$	1,470
	842489	GRL204, QZSS option for GR30/GR50/GM30 GNSS receiver.	\$	1,200
	774428	GRL107, RINEX option for GR GNSS Receiver.	\$	1,090
	774429	GRL108, Extended Formats option for GR GNSS Receiver. Includes BINEX / CMR / CMR+	\$	840
	774430	GRL109, 2-20Hz logging and streaming option for GR GNSS Receiver.	\$	840
	842490	GRL210, 50Hz option for logging and streaming for GR30/GR50/GM30 GNSS receiver.	\$	840
	774432	GRL111, FTP Push option for GR GNSS Receiver.	\$	560
	774435	GRL114, Site Monitor option for GR GNSS receiver.	\$	1,120
	774436	GRL115, Multi-Client and NTRIP Caster option for GR GNSS Receivers.	\$	1,680
	778851	GRL116, Wake-Up option for GR GNSS Receiver.	\$	560
	778852	GRL117, Extended OWI option	\$	1,680
	835566	GRL124, Velocity and Displacement Engine	\$	1,600
<b>GMX910 Monitoring Sensor</b>				
	842779	GMX910, L1 GPS Smart Antenna for monitoring applications, 555 channels, 10 Hz position output	\$	4,030
<b>Purchasable Options for GMX910</b>				
	843145	GM200, Multi-frequency option for GMX910 Smart Antenna, Enables multiple frequency tracking depending on	\$	3,420
	843146	GM201, Glonass option for GMX910 Smart Antenna, Enables GLONASS tracking	\$	1,250
	843147	GM203, BeiDou option for GMX910 Smart Antenna, Enables BeiDou tracking	\$	1,250
<b>GMX902 Monitoring Sensors</b>				
	758600	GMX902 GG GPS/GLONASS dual frequency receiver	\$	9,550
	773974	GMX902 GNSS GPS/GLONASS/Galileo multi frequency receiver	\$	10,510
Mounting Kits and Container for GM/GR Series				
	<b>Mounting Kits for GM/GR Series</b>			
	774439	GEV249, Rack Mount Kit for GS25 receiver. For fitting the receiver to standard IT rack (requires 2 U in the rack)	\$	210
	774440	GEV250, Wall Mount Kit for GR10 receiver. For attaching the receiver to a wall bench, table or cabinet.	\$	80
	<b>Adjustable Tilt Monument Mount</b>			
	8221829	Monument Mount 5/8" Thread (SECO)	\$	530
This is a third party product of SECO Manufacturing Company Incorporated.				
<b>Container</b>				
	790636	GVP636 Hard container for GS25 GNSS receiver. This container allows a GS25 receiver, CS15/CS10 and all a	\$	310
Geodetic GNSS Antennas				
	<b>Choke Ring Geodetic Reference Station Antenna</b>			
	765733	AR25, triple frequency GNSS choke-ring antenna for GNSS receivers. Includes L-Band signals. Dorne- Margolir	\$	12,060
	765734	GVP653, Weather protection radome for the AR25 choke ring antenna.	\$	390
	794207	GNSS choke ring antenna for GPS/GLONASS/Galileo/Compass/QZSS receivers. Includes Galileo E6 and L-Ba	\$	7,880
	794208	Weather protection radome for AR20 GNSS choke ring antenna.	\$	390
	<b>Non-Choke Ring Geodetic Reference Station Antenna</b>			
	773758	AR10, GNSS reference station antenna for GPS/GLONASS/Galileo/Compass receivers. Includes L-Band signal	\$	3,130
<b>Compact Geodetic Antennas</b>				
	770701	AS10, GPS/GLONASS/Galileo triple frequency antenna	\$	1,490
Memory Devices				
	<b>SD Cards</b>			
	767856	MSD1000, SD Memory Card 1GB for CS and GS units	\$	200
	789139	MSD08, SD memory card 8GB	\$	500
	774443	MSD32, SD Memory Card 32GB	\$	910

<b>Inclination Sensors</b>			
	<b>Nivel Sensors</b>		
	576198	NIVEL210 Inclination sensor with RS232 interface	\$ 4,090
	576199	NIVEL220 Inclination sensor with RS485 interface.	\$ 4,090
	<b>Accessories</b>		
	749031	GHT59 Wall mounting kit for NIVEL200 series.	\$ 820
	575869	Terminator for RS485. One terminator must be ordered and installed for each installation with Nivel220 sensors	\$ 190
<b>Meteo Sensors</b>			
	837816	TP meteo sensor, RS485	\$ 1,560
<b>Extended Warranty for GMX900 &amp; GM30 Receivers</b>			
<b>GMX902 GG and GMX902 GNSS</b>			
	89332	1 yr GMX902 Extended Warranty	\$ 370
	5301720	2 yr GMX902 Extended Warranty	\$ 650
	5301721	add 1 yr GMX902 Warranty Extension	\$ 370
<b>GMX910</b>			
	5307096	1 yr GMX910 Extended Warranty	\$ 170
	5307097	2 yr GMX910 Extended Warranty	\$ 310
	5307098	add 1 yr GMX910 Warranty Extension	\$ 170
<b>GM30</b>			
	5307002	1 yr GM30 Ext. Warranty	\$ 450
	5307003	2 yr GM30 Ext. Warranty	\$ 820
	5307004	4 yr GM30 Ext. Warranty	\$ 1,540
	5307005	1 yr Ext. GM30 Ext. Warranty	\$ 450
<b>Extended Warranty for Antennas</b>			
<b>AR10</b>			
	5303389	1 yr AR10 Extended Warranty	\$ 100
	5303390	2 yr AR10 Extended Warranty	\$ 180
	5303391	add 1 yr AR10 Extended Warranty	\$ 100
<b>AR20</b>			
	5304398	1 yr AR20 Extended Warranty	\$ 150
	5304399	2 yr AR20 Extended Warranty	\$ 260
	5304400	add 1 yr AR20 Extended Warranty	\$ 150
<b>AR25</b>			
	5302680	1 yr AR25 Extended Warranty	\$ 190
	5302681	2 yr AR25 Extended Warranty	\$ 340
	5302682	add 1 yr AR25 Extended Warranty	\$ 190
<b>Customer Care Packages - Nova TS/MS60</b>			
<b>Basic</b>			
	6009390	1 yr Nova (TS/MS60) Basic CCP	\$ 660
	6009391	2 yr Nova (TS/MS60) Basic CCP	\$ 1,190
	6009392	3 yr Nova (TS/MS60) Basic CCP	\$ 1,690
	6009393	5 yr Nova (TS/MS60) Basic CCP	\$ 2,810
<b>Blue</b>			
	6009398	1 yr Nova (TS/MS60) Blue CCP	\$ 1,800
	6009399	2 yr Nova (TS/MS60) Blue CCP	\$ 3,230
	6009400	3 yr Nova (TS/MS60) Blue CCP	\$ 4,580
	6009401	5 yr Nova (TS/MS60) Blue CCP	\$ 7,620
<b>Bronze</b>			
	6009406	2 yr Nova (TS/MS60) Bronze CCP	\$ 1,190
	6009407	3 yr Nova (TS/MS60) Bronze CCP	\$ 2,450
	6009408	5 yr Nova (TS/MS60) Bronze CCP	\$ 4,750
	6009409	1 yr Ext. Nova (TS/MS60) Bronze CCP	\$ 1,420
<b>Silver</b>			
	6009414	2 yr Nova (TS/MS60) Silver CCP	\$ 3,230
	6009415	3 yr Nova (TS/MS60) Silver CCP	\$ 5,340
	6009416	5 yr Nova (TS/MS60) Silver CCP	\$ 9,560
	6009417	1 yr Ext. Nova (TS/MS60) Silver CCP	\$ 2,560
<b>Gold</b>			
	6009422	3 yr Nova (TS/MS60) Gold CCP	\$ 6,760
	6009423	5 yr Nova (TS/MS60) Gold CCP	\$ 11,100

<b>Customer Care Packages - Nova TM50</b>			
<b>Basic</b>			
6008100	1 yr Nova (TS/TM/MS50) Basic CCP	\$	660
6008101	2 yr Nova (TS/TM/MS50) Basic CCP	\$	1,190
6008102	3 yr Nova (TS/TM/MS50) Basic CCP	\$	1,690
<b>Blue</b>			
6008106	1 yr Nova (TS/TM/MS50) Blue CCP	\$	1,800
6008107	2 yr Nova (TS/TM/MS50) Blue CCP	\$	3,230
6008108	3 yr Nova (TS/TM/MS50) Blue CCP	\$	4,580
<b>Bronze</b>			
6008112	2 yr Nova (TS/TM/MS50) Bronze CCP	\$	1,190
6008113	3 yr Nova (TS/TM/MS50) Bronze CCP	\$	2,450
6008114	1 yr Ext. Nova (TS/TM/MS50) Bronze CCP	\$	1,420
<b>Silver</b>			
6008118	2 yr Nova (TS/TM/MS50) Silver CCP	\$	3,230
6008119	3 yr Nova (TS/TM/MS50) Silver CCP	\$	5,340
6008120	1 yr Ext. Nova (TS/TM/MS50) Silver CCP	\$	2,560
<b>Gold</b>			
6008124	3 yr Nova (TS/TM/MS50) Gold CCP	\$	6,760
<b>Customer Care Packages - GM30</b>			
<b>Basic</b>			
6010871	1 yr GM30 Basic CCP	\$	410
6010872	2 yr GM30 Basic CCP	\$	750
6010873	3 yr GM30 Basic CCP	\$	1,060
6010874	5 yr GM30 Basic CCP	\$	1,750
<b>Blue</b>			
6010875	1 yr GM30 Blue CCP	\$	660
6010876	2 yr GM30 Blue CCP	\$	1,200
6010877	3 yr GM30 Blue CCP	\$	1,690
6010878	5 yr GM30 Blue CCP	\$	2,800
<b>Bronze</b>			
6010879	2 yr GM30 Bronze CCP	\$	1,200
6010880	3 yr GM30 Bronze CCP	\$	1,880
6010881	5 yr GM30 Bronze CCP	\$	3,290
6010882	1 yr Ext. GM30 Bronze CCP	\$	860
<b>Silver</b>			
6010883	2 yr GM30 Silver CCP	\$	1,650
6010884	3 yr GM30 Silver CCP	\$	2,510
6010885	5 yr GM30 Silver CCP	\$	4,340
6010886	1 yr Ext. GM30 Silver CCP	\$	1,110
<b>Gold</b>			
6010887	3 yr GM30 Gold CCP	\$	2,510
6010888	5 yr GM30 Gold CCP	\$	4,340

USA	Effective Date	5-Nov-17			\$USD
	Product Code	Sub-Code	Description		Price
<b>Monitoring - Communication</b>					
<b>Leica ComBox</b>					
	<b>Please contact Heerbrugg Product Management before ordering the Leica ComBox device outside of the European Economic Area</b>				
	<b>ComBox10</b> 772180		ComBox10 - Communication box, providing the connection of up to 2 sensors to the mobile Internet. User Manual and configuration software CD-ROM included.	\$	11,590
	<b>ComBox20</b> 772181		ComBox20 Communication box, providing the connection of up to 4 sensors to the mobile Internet including two access points for warning devices, three Power over Ethernet (PoE) access points and a meteo sensor. User Manual and configuration software CD-ROM included.	\$	14,770
<b>ComBoxes will be delivered pre-configured. The customer has to finish the configuration with his local settings, the configuration software CDROM</b>					
<b>Condition</b> To use a ComBox the following items are essential and must be organised locally prior to installation prior to installation:					
<b>From a Mobile Provider</b> <p>A SIM card for the wireless router, that supports the connection from the Internet to the wireless router via a public IP address. The SIM card with the correct data contract for accessing mobile internet must be organized from the customer. The mobile provider needs to support public dynamic IP addresses.</p> <p>A GPRS/UMTS breakout number or a standard telephone number</p> <p>If essential, the knowledge about an user name and a password</p> <p>The knowledge about the Access Point Name</p> <p>The knowledge about the authentication method: Challenge Handshake Authentication Protocol (CHAP) or Password Authentication Protocol (PAP)</p> <p>The knowledge about PPP (Point-to-Point Protocol) DNS query: Specification whether a DNS request to the provider is made or not.</p>					
<b>From Dynamic Network Services Inc. (<a href="http://www.dyndns.com">www.dyndns.com</a>):</b> <p>A DynDNS Account with following details: an user name, a password, a host name (e.g. "myComBox.dyndns.org"), a server address (normally "members.dyndns.org" is used) and a server port (normally 80 or 8245). This DynDNS Account is required to convert dynamic IP address to a static DynDNS name</p>					
<b>Additional Hardware</b> <p>A personal computer with a monitor, a keyboard, a PC mouse and an Ethernet cable in order to configure the ComBox.</p> <p>An isolated screwdriver size 0 in order to connect the sensor cables with the ComBox tools in order to mount the ComBox.</p>					
<b>The appropriate Cables to connect the Sensors must be ordered separately</b>					


<b>Leica MonBox</b>			
<b>MonBox35</b>			
829182	MonBox35 - an energy-efficient Intel® based mini-industrial computer and 64-bit Windows POSReady 7 pre-installed. Includes 4 GB RAM, 100 GB industrial grade HDD and the "automatic start at power-on" option	\$	2,050
<b>Software</b>	GeoMoS software must be separately purchased, installed and can only be activated with a valid Entitlement ID (EID). For a successful activation of an EID an internet connection to the MonBox35 is required		
<b>Note</b>	<p>The MonBox30 can be used as an optional accessory in the ComBox or as a stand-alone monitoring solution in the field or in the office. If necessary, a mounting plate can be ordered by request via Monitoring Support.</p> <p>An integrated MonBox35 in a ComBox is accessible over the mobile Internet. The remote access from office to field is realized with e.g. the application RealVNC Free Edition</p>		
<b>Accessories</b>			
844144	GEV282 Power supply unit for MonBox35, for indoor use only, input 100-240 VAC 50-60 Hz, output 24 VDC/2.5 A	\$	200
<b>Leica ComGate</b>			
<b>ComGate Hardware</b>			
808325	COMGT10 UMTS, Leica ComGate10 wireless router to connect Leica TPS over USB port or serial port to Ether	\$	1,480
<b>ComGate Accessories</b>			
808327	External Wall mounting antenna (GSM/UMTS) For Leica ComGate10 incl 5m cable	\$	270
808333	GEV271, Y-Cable for Leica ComGate10 4m, connects Leica MS50/TS50/TM50 to USB port on ComGate10 with	\$	300
722411	Cable with protection fuse to connect 12V power supply to GPS receiver.	\$	170

<b>Slot-in Devices for GM / GR Series</b>				
	<b>Satellite Radio Modems</b>			
	828007	SLR6-1, Satellite M3-TR4 403-470 MHz RX/TX radio for GS25. Transceiver UHF radio module. User manual ar	\$	1,710
	6002544	Configuration tool kit for programming Satellite and Pacific Crest SLR RTK Radio modules, includes: programmr	\$	600
	<b>Mobile Phone Modules</b>			
	776236	SLG1-2, 5-Band (850/900/1800/1900/2100 Mhz) Telit 3G GSM/GPRS/UMTS module.Provides full flexibility due	\$	1,470
<b>External Serial Devices</b>				
	<b>Satellite Radio Modems</b>			
	828005	GFU30, Satellite M3-TR4 403-470 MHz RX/TX radio in GFU housing. Transceiver UHF radio module. User mar	\$	1,710
	<b>TCPS29 Modem</b>			
	788854	TCPS29, Bluetooth radio modem with antenna and user manual	\$	1,350
	<b>Intuicom</b>			
	8216499	Intuicom 900mhz w/ GFU15 Housing	\$	2,050
	<b>Antennas for Radio Modems</b>			
	639964	GAT1, Gainflex radio antenna, frequency range 400-435MHz.	\$	70
	667243	GAT2, Gainflex radio antenna, frequency range 435-470MHz.	\$	70
<b>Mobile Phones</b>				
	<b>Mobile Phones</b>			
	767860	GFU28, 5-Band (850/900/1800/1900/2100MHz) Telit 3.5G GSM/GPRS/UMTS module in GFU housing. Provide	\$	1,200
	767861	GFU29, 5 band UMTS module for global use in GFU housing. Compatible with GSM, GPRS, EDGE, HSDPA ne	\$	1,950
	<b>Antennas</b>			
	782500	GAT18, Multiband GSM/UMTS Antenna for 850/1900MHz, for 900/1800MHz and for 2100MHz mobile networks	\$	150

Third Party				
<b>Converter</b>				
TBC	I-7520 - RS232 to RS485 converter for Nivel220 sensors.		\$	TBC
This is a product of ICP DAS Co.				
TBC	1 serial port, 3 serial ports RS232 to Ethernet converter for total stations and Nivel210 sensors.		\$	TBC
This is a product of Wiesemann & Theis GmbH.				
TBC	MOXA 5110 - RS232 to Ethernet converter for total stations and Nivel210 sensors.		\$	TBC
This is a product of Moxa Inc.				
<b>Wireless Modem</b>				
8231060	Raven XEVDO		\$	2,500
This is a product of NetModule Inc.				
<b>Digital I/O Card</b>				
TBC	Web I/O - Web I/O The Web IO (2x Digital Input, 2x Digital Output) connects digital input and output ports of inc		\$	TBC
This is a product of Wiesemann & Theis GmbH.				
TBC	ICP DAS I/O Card - The PCI-P16R16 provides 16 optically isolated inputs and 16 Relay outputs. The PCI-P16R		\$	TBC
This is a product of ICP DAS Co.				
<b>Datalogger</b>				
TBC	CR1000 Multiplexer - CR1000 Measurement and control module C/W CR1000WP AM16/32A 16/32 channel rel		\$	TBC
This is a product of Campbell Scientific Ltd.				
<b>Wireless Ethernet Radio</b>				
TBC	ELPRO 805U-E - connects The ELPRO 805U connects serial or Ethernet devices by industrial wireless radio r		\$	TBC
This is a product of ELPRO Technologies				



## Power Supply

USA	Effective Date	5-Nov-17		
	Product Code	Sub-Code	Description	\$USD Price
<b>Monitoring - Power Supply</b>				
<b>Mains Power Supply for GR10, GPS1200 and Nivel Sensors</b>				
	<b>Power Supply for Nivel210 and Nivel220</b>			
	807696		GEV270, Power supply unit for TPS/GNSS/LS. For indoor use only. Input 100-240VAC to output 13.2VDC, with \$	300
	560130		GEV97, 1.8m power cable, connects GS10 receiver to external battery GEB171.	\$ 145
	<b>Power Cords</b>			
	731772		AC Power Cable US 3-pole	\$ 10
	<b>Power Supply for GR10/GR25/GM10 and GRX1200+</b>			
	774437		GEV242, Charger for GEB371 external battery.	\$ 280
<b>Do not use this 24VDC for any NIVEL sensor connection</b>				
<b>Power Cords</b>				
	731772		AC Power Cable US 3-pole	\$ 10
<b>Mains Power Supply for TPS Sensors</b>				
	<b>Power Supply for TPS</b>			
	807696		GEV270, Power supply unit for TPS/GNSS/LS. For indoor use only. Input 100-240VAC to output 13.2VDC, with \$	300
	<b>Power Cords</b>			
	731772		AC Power Cable US 3-pole	\$ 10
<b>SwitchBox</b>				
	744793		GDZ67 Switchbox with a 2.0m cable for TPS1000/TPS1100/TPS1200 (Lemo 0) and GeoMoS.	\$ 880
	772630		Switchbox with a 2.0m cable for TM30/TS30 (Lemo 1) and GeoMoS.	\$ 1,020

USA	Effective Date	5-Nov-17		
	Product Code	Sub-Code	Description	\$USD Price
<b>Monitoring - Power and Data Transfer Cables</b>				
<b>ComBox &amp; ComGate Cables</b>				
<b>ComGate Cables</b>				
	808333	GEV271, Y-Cable for Leica ComGate10 4m, connects Leica MS50/TS50/TM50 to USB port on ComGate10 with	\$	300
	722411	Cable with protection fuse to connect 12V power supply to GPS receiver.	\$	170
<b>ComBox Cables</b>				
	772184	GEV241 Interface Cable, 3 m, connects TPS (1000/1100/1200 and Meteo Sensor) to ComBox. (Lemo to unterm	\$	240
	772183	GEV240 Interface Cable, 3 m, connects TS30/TM30 to ComBox. (Lemo to unterminated)	\$	270
	779138	GEV247 Power cable, 2 m, connects GMX902 to ComBox. (Lemo to unterminated)	\$	200
	750073	GEV212 Interface Cable, 5m, GMX901 to unterminated, connects GMX901 to a custom installation	\$	150
	748489	GEV 207 1.8m communication cable, connects Nivel220 to ComBox, terminal strip or RS232/RS485 converter.	\$	190
<b>Total Station Cables</b>				
	439038	GEV71, 4m car battery cable, connects all battery cables to 12V car battery.	\$	235
For TPS e.g. the additional cable 734 698 or 759 257 is required.				
	734698	GEV187, Y-cable, connects TPS1200+ to PC (9-pin RS232 serial) and external battery, 2m.	\$	275
	759257	GEV220, Y-cable, connects TS30/TM30 to PC (9-pin RS232 serial) and external battery, 2m.	\$	500
	793364	GEV261, USB data X-cable for communication to PC, connects Lemo1 8-pin to PC USB A connector (USB data	\$	550
<b>GNSS / GMX902 / GM10 Cables</b>				
<b>To Connect Two Independent Power Supplies</b>				
	733298	GEV172, power cable, 2.8m connects GS10 receiver to two GEB171 batteries.	\$	390
For GR10/GM10 this cable should only be used to connect any combination of 807 696 power supply and cable 560 130 or external batteries. To connect one 774 437 power supply, use the 774438 Y cable				
	774438	GEV243, Y Cable, 2.8m, connects GR10 to 774 437 GR10 power supply and external battery. One Lemo-1, 5 pi	\$	600
	807696	GEV270, Power supply unit for TPS/GNSS/LS. For indoor use only. Input 100-240VAC to output 13.2VDC, with	\$	300
	560130	GEV97, 1.8m power cable, connects GS10 receiver to external battery GEB171.	\$	145
<b>To Connect Battery, Car Battery or Alternative Power Supply</b>				
	807696	GEV270, Power supply unit for TPS/GNSS/LS. For indoor use only. Input 100-240VAC to output 13.2VDC, with	\$	300
	439038	GEV71, 4m car battery cable, connects all battery cables to 12V car battery.	\$	235
For GPS e.g. the 560130 is required.				
	560130	GEV97, 1.8m power cable, connects GS10 receiver to external battery GEB171.	\$	145
	722411	Cable with protection fuse to connect 12V power supply to GPS receiver.	\$	170
<b>To Transfer Data Between Sensor and GNSS Spider</b>				
	733280	GEV160, 2.8m Data transfer cable, for serial connection between GS10 (port 2, port 3) or GS15(port 2) to PC. (	\$	145
	563809	GEV113, 2.8m Modem cable. Connects GPS receiver Ports 1, 2 and 3 to modem (LEMO 8 Pin to RS232 9 Pin	\$	130
	733290	GEV168, 5.0m Cable, connecting GPS Receiver with Ethernet LAN / RJ45	\$	170
<b>GMX901 / GMX901 plus / GMX910 Cables</b>				
	750073	GEV212 Interface Cable, 5m, GMX901 to unterminated, connects GMX901 to a custom installation	\$	150
	743389	GEV197 2.8m Y-cable. Connects GMX901 antenna to PC for data transfer (Lemo 8 pin to RS232 9 pin female).	\$	490
<b>Antenna Cables</b>				
<b>Short Antenna Cables</b>				
	667200	GEV141, 1.2m antenna cable.	\$	60
	667201	GEV142, 1.6m extension for antenna cable.	\$	70
	724969	GEV194, 1.8m antenna cable. To be used for balanced all-on-the-pole setup.	\$	90
<b>Medium Antenna Cables</b>				
	636959	GEV120, 2.8m antenna cable	\$	60
	632372	GEV119, 10m antenna cable.	\$	130
<b>Long Antenna Cables</b>				
	632390	GEV108, 30m antenna cable.	\$	490
	664813	GEV134, 50m antenna cable.	\$	870
	713483	70m antenna cable.	\$	1,290
<b>In-line antenna cable lightning protection for receiver</b>				
	8238510	Lightening protection (arrestor) for antenna to receiver connection, 0-2500 MHz, DC PASS	\$	1,100
The insert (fuse) has to be ordered seperately (8238541)				
	8238541	Insert (fuse) for Lightening protection (8238510)	\$	65
Longer antenna cables and amplifiers can be supplied on request				

<b>Nivel210 / 220 Cables</b>			
<b>To Connect a Nivel210 Directly to GPS1200</b>			
749916	GEV209 Cable, connects NIVEL210 to GRX1200+, GR10/GR25, 1.8m.	\$	430
<b>To Connect a Nivel 210 Directly to a PC</b>			
802902	1.0m connection cable, connects Nivel210 sensor ports 1 or 2 to PC for data communication etc., Lemo-0 to 9 p	\$	280
748335	GEV204 Power supply-cable for NIVEL210 and NIVEL230. (Lemo -Lemo), 1.8m.	\$	280
<b>To Connect a Nivel 220 Directly to a PC</b>			
802906	5.0m connection cable RS485. Connects two Nivel220 sensor ports 1 or 2, Lemo-0 to Lemo-0.	\$	310
802907	20.0m connection cable RS485. Connects two Nivel220 sensor ports 1 or 2, Lemo-0 to Lemo-0.	\$	450
748488	GEV206 0.8m power supply cable, connects power supply unit (722 409) to RS232/RS485 converter, Lemo-0 to	\$	210
748489	GEV 207 1.8m communication cable, connects Nivel220 to ComBox, terminal strip or RS232/RS485 converter.	\$	190
807696	GEV270, Power supply unit for TPS/GNSS/L.S. For indoor use only. Input 100-240VAC to output 13.2VDC, with	\$	300
560130	GEV97, 1.8m power cable, connects GS10 receiver to external battery GEB171.	\$	145
<b>Meteo Sensor Cables</b>			
734698	GEV187, Y-cable, connects TPS1200+ to PC (9-pin RS232 serial) and external battery, 2m.	\$	275
439038	GEV71, 4m car battery cable, connects all battery cables to 12V car battery.	\$	235
<b>For DTM meteo sensor e.g. the additional cable 734698.</b>			
<b>Satellite Cables</b>			
733297	GEV171, 1.8m cable to program the Satellite 3AS radio modem inside the GFU14 housing.	\$	450
<b>TCPS29 Cables</b>			
734697	GEV186, Y-cable, connects TPS1200+ to TCPS28 and external battery.	\$	325
771057	GEV236, Y-cable, connects TS30/TM30 to TCPS radio and external battery, 2m.	\$	500
<b>Adapter</b>			
707525	GK1, Lemo Canon converter 30°, for PC (Lemo to RS232) to be used with GEV186 cable.	\$	90

USA	Effective Date	5-Nov-17						\$USD
	Product Code	Sub-Code	Description					Price
GeoMoS Software								
GeoMoS Modules								
GeoMoS Modules								
774119	GeoMoS Monitor							\$ 1,490
774120	GeoMoS Analyzer							\$ 3,980
774121	GeoMoS Adjustment							\$ 18,860
774133	GeoMoS Monitor TimeLimited (30 days)							\$ 1,090
780059	GeoMos Demo (1 Year)							\$ 250
774328	GeoMoS Evaluation (30 days)							\$ 50
			GeoMoS Monitor	GeoMoS Analyzer	GeoMoS Adjust-ment	GeoMoS Monitor Time-Limited (30 days)	GeoMoS Demo (1 year)	GeoMoS Evalu-ation (30 days)
	Monitor Option 1 (774 135) (Computation)		○	-	-	●	●	●
	Monitor Option 2 (774 136) (Limit checks/Messaging)		○	-	-	●	●	●
	Monitor Option 3 (774 137) (Export Service for GeoMoS Adjustment)		○	-	●	-	-	●
	Monitor Option 4 (807 098) (Scanning)		○	-	-	-	●	●
	👉 Only for GeoMoS Version 6.0 and higher							
	Monitor Option 5 (838 783) (API)		○	-	-	-	●	●
	👉 Only for GeoMoS Version 6.3 and higher							
	Sensor License (774 134)		○	-	-	●*	●	●
	Analyzer Option 1 (774 138) (TPS Post-Processing)		-	○	-	-	●	●
	DVD-ROM included (723 367)		●	●	●	●	●	●
			● Included: automatically, not removable ○ Optional - Not available * Limited to 100 sensor licenses					
GeoMoS Monitor								
774119	GeoMoS Monitor							\$ 1,490
	GeoMoS Monitor is a software to collect and store the monitoring data. Following functionalities are supported: - Connection to sensors (serial or TCP/IP) with valid Sensor Lic. (Incl. GeoCOM Robotics & Imaging Lic.) - Project management - Multiple active projects - User levels - Learn points - Manual total station coordinate determination with Free Station, Distance Intersection or GNSS Update - Automatic measurements with various options - Blunder tolerance checks on raw data - Information about the current system and measurement status - Calculation of GNSS displacements and daily average results - Automatic database export - SQL Server 2005 Express database included							
	Leica GeoMoS makes use of the Microsoft SQL database. With Leica GeoMoS the free version Microsoft SQL Server 2005 Express is provided and will be installed, if no SQL server is available.							

<b>GeoMoS Monitor Options</b>		
<b>GeoMoS Monitor Option 1</b>		
774135	GeoMoS Monitor Option 1 (Computation) - Automatic Total Station coordinate determination with different methods (free Station, Distance Intersection or GNSS Update). - Calculation of any Total Station results including coordinates displacements, profiles, distance reduction. - Calculation of any Total station correction with Free Station, Distance Intersection, Orientation, PPM and Vz Correction groups and associated point group properties. - Calculation of daily average results for Total Stations. - Computation of virtual sensors with constants, mathematical functions and/or logic operators.	\$ 5,230
<b>GeoMoS Monitor Option 2</b>		
774136	GeoMoS Monitor Option 2 (Limit Checks and Messaging). - Automatic computation of limit checks - Multiple levels of limit checks (yellow, orange, red) - Limit Level 1, 2 and 3 can be assigned independent actions - Four different types of limit check computation (absolute, short time, long time and regression) - Allows emails and SMS to be sent, applications to be run, the database to be queried and digital outputs to be set when defined messages are generated by the system	\$ 2,780
<b>GeoMoS Monitor Option 3</b>		
774137	GeoMoS Monitor Option 3 (Export Service for GeoMoS Adjustment). - Manual and automatic GeoMoS data export in XML format	\$ 1,190
<b>GeoMoS Monitor Option 4</b>		
807098	GeoMoS Monitor Option 4 (Scanning) - Image assisted learning of multiple scan areas - Automatic scanning - Color coded deformation cloud on high resolution images - Deformation volume	\$ 8,980
<b>GeoMoS Scanning is supported with GeoMoS Version 6.0 and higher</b>		
<b>Sensor License</b>		
<b>Sensor License</b>		
774134	GeoMoS Sensor License The sensor license concept means that the software scales with the number and type of sensors you have connected. Additional sensor licenses can easily be added later should your needs change	\$ 120
<b>For each sensor you need to order a special amount of Sensor Licenses. The required amount of sensor licenses per sensor is listed below:</b>		
		<b>Amount required per sensor</b>
TPS Sensor and MultiStation		30
GNSS Sensor (NMEA)		10
Connection to a GNSS Spider Site Server with all Spider RT Positioning Products		10
Connection to a GNSS Spider Site Server with all Spider PP Positioning Products		10
Nivel200 Sensor		3
Digital Level		3
Temperature / Pressure Sensor (DTM STS RS232, TP meteo sensor RS485)		1
Temperature / Pressure / Humidity (WuT)		1
Vaisala sensor		3
Geotechnical Sensor connected via Campbell Scientific Datalogger		1
CSV import (per 10 sensor and observation type units)		1
Image import		1
<b>Note that each sensor requires sensor licenses even though the sensor is connected with a bus system (Nivel220) or Campbell Scientific datalogger (geotechnical sensor) to GeoMoS.</b>		
<b>For more information about connectable sensors offering with GeoMoS Monitor please contact your local Leica Geosystems organization or distribution partner.</b>		
<b>For more detailed information about Sensor Licenses please refer to the section Lic. Examples</b>		

<b>GeoMoS Monitor Time Limited (30 days)</b>		
774133	<p>GeoMoS Monitor TimeLimited (30 days)</p> <p>GeoMoS Monitor TimeLimited is the GeoMoS Monitor software license for time limited monitoring projects. It includes:</p> <ul style="list-style-type: none"> <li>- GeoMoS Monitor Option 1 (774135) - Computation</li> <li>- GeoMoS Monitor Option 2 (774136) - Limit checks and Messaging</li> <li>- 100 Sensor Licenses (774134)</li> </ul> <p><b>It is not possible to include any other option from GeoMoS Monitor.</b></p>	\$ 1,090
<b>GeoMoS Analyzer</b>		
774120	<p>GeoMoS Analyzer</p> <p>GeoMoS Analyzer is an analysis tool that can be used to view data collected by any GeoMoS Monitor.</p> <ul style="list-style-type: none"> <li>- Graphical and numerical visualization of results</li> <li>- More than one installation of Analyzer may access the data and do analysis simultaneously.</li> <li>- Project management</li> <li>- User levels</li> <li>- Outlier detection algorithm</li> <li>- Set results invalid/valid</li> <li>- Enter comments</li> <li>- Customizable graphics</li> <li>- Customizable reports with filter and search mechanism</li> <li>- Export to other systems e.g. ASCII, DXF and BMP</li> </ul> <p><b>For online analysis using GeoMoS Analyzer at a remote location there needs to be continual connection between GeoMoS Monitor and GeoMoS Analyzer computers</b></p>	\$ 3,980
<b>GeoMoS Analyzer Options</b>		
<b>GeoMoS Analyzer Option 1</b>		
774138	<p>GeoMoS Analyzer Option 1 (TPS Post Processing)</p> <ul style="list-style-type: none"> <li>- Re-processing of the coordinate system, distance reduction, meteo model and all values modified in the Data Editor</li> <li>- Data Editor to modify additive constants, reflector heights, temperature and 'pressure</li> <li>- Re-processing of the profile directions, instrument height and null coordinate together with GeoMoS Monitor</li> </ul>	\$ 2,610
<b>GeoMoS Adjustment</b>		
774121	<p>GeoMoS Adjustment</p> <p>Leica GeoMoS Adjustment is an add-on analysis software that can be used to compute network adjustment and deformation analysis data collected by any GeoMoS Monitor.</p> <ul style="list-style-type: none"> <li>- Manual and automatic import of GeoMoS XML files</li> <li>- Network adjustment computation as minimal constraint network, reference points as fixed or absolute fixed</li> <li>- Automatic outlier detection and removal</li> <li>- Deformation analysis based on the two-step method</li> <li>- Detect stable and unstable reference points</li> <li>- Combination of total stations and/or GPS/GNSS</li> <li>- Numerical and graphical analysis of the network adjustment and deformation analysis data</li> <li>- Statistically qualified data with precision and reliability</li> <li>- Display the magnitude, precision pattern and statistically significance of movements</li> <li>- Display unstable reference points</li> <li>- Compare the results of different measurement epochs</li> <li>- Simulate different topological scenario for achieving the optimal network geometry, accuracy &amp; reliability</li> </ul> <p><b>GeoMoS Monitor Option 3 is required to export data for GeoMoS Adjustment. The GeoMoS Monitor Option 3 license must be available where GeoMoS Monitor is running.</b></p>	\$ 18,860
5003517	<p>On-site consulting for GeoMoS Adjustment</p> <p>Expert consulting during project installation and initial project setup</p> <p><b>Must be ordered together with GeoMoS Adjustment (774121)</b></p>	\$ 1,850

<b>GeoMoS Now!</b>			
<p><b>GeoMoS Now!</b></p> <p>GeoMoS Now! is a data management tool that can be used to view and analyse data collected by GeoMoS Monitor. It provides:</p> <ul style="list-style-type: none"> <li>- Access to data through standard web browsers</li> <li>- Graphical and numerical visualisation of monitoring data with graphs, images, maps, tables etc.</li> <li>- Visualization of the deformation status on maps and tables</li> <li>- Analysis and distribution in real-time</li> <li>- Access to GeoMoS Monitor database</li> <li>- Easy to use, intuitive configuration tools, simplified data viewing</li> <li>- Personalised and customisable view of the data</li> <li>- User management to set access rights and authorisation levels</li> <li>- Project management to create individual views of a single GeoMoS Monitor project for different needs</li> <li>- Displaying of the most important graphics with the dashboard in one web on one page</li> <li>- Defining the report layout with graphs, cover and back pages, header, footer etc. via easy text fields and drag &amp; drop functionality</li> <li>- Creation of different PDF reports with a defined content to assign to different users</li> <li>- Scheduling of automatic reporting (daily, weekly or monthly)</li> <li>- Direct report downloads or reports via email</li> <li>- Deactivation of outliers, various smoothing algorithms</li> <li>- Raw data export to e.g. MS Excel</li> </ul>			
<p><b>Leica GeoMoS Now! is available as Cloud version (Leica hosting) or as On-premises version (local hosting).</b></p>			
<p><b>GeoMoS Now! Cloud version (Leica hosting)</b></p> <p>Leica GeoMoS Now! Cloud version is a service hosted on Leica servers that is used for data management in order to view and analyse data collected by GeoMoS Monitor. The data collected on GeoMoS Monitor are pushed automatically to the Leica server infrastructure ensuring security, reliability &amp; global availability. No need of maintenance of the IT infrastructure and software. The server maintenance and update of new features and software versions is done by Leica experts</p>			
5306355	<p>GeoMoS Now! Standard - 3 month subscription</p> <ul style="list-style-type: none"> <li>- Standard subscription package GeoMoS Now! as a service in the cloud</li> <li>- Unlimited number of GeoMoS Monitor project databases and GeoMoS Now! views</li> <li>- Unlimited number of GeoMoS Now! views per GeoMoS Monitor project database</li> <li>- Per user the access role "Editor" or "Observer" can be defined. The "Editor" can create and configure the GeoMoS Now! views.</li> <li>- A single user can access unlimited number of GeoMoS Now! views.</li> </ul>	\$	540
5306356	<p>GeoMoS Now! Professional - 3 month subscription</p> <ul style="list-style-type: none"> <li>- Professional subscription package GeoMoS Now! as a service in the cloud.</li> <li>- Includes all functionality of Standard subscription package (5306355)</li> <li>- Limitation: Max. 10 users of GeoMoS Now! and use of GeoMoS Monitor databases with up to 600 points</li> </ul>	\$	1,320
5306357	<p>GeoMoS Now! Enterprise - 3 month subscription</p> <ul style="list-style-type: none"> <li>- Enterprise subscription package GeoMoS Now! as a service in the cloud.</li> <li>- Includes all functionality of Standard subscription package (5306355).</li> <li>- GeoMoS Monitor project databases with unlimited number of points</li> <li>- Limitation: 20 users included can create and configure</li> </ul>	\$	2,330
5306358	<p>GeoMoS Now! Evaluation - 1 month subscription</p> <ul style="list-style-type: none"> <li>- GeoMoS Evaluation is for demonstration purposes only and is not for resale</li> <li>- GeoMoS Now! Evaluation covers full functionality and can be used for a period of 30 days. 5 users and unlimited number of points per view are included</li> </ul>	\$	50
<p><b>GeoMoS Now! Survey Edition for Cloud (Leica hosting)</b></p> <p>Leica GeoMoS Now! Survey Edition is a service hosted on Leica server that is similar to Leica GeoMoS Now! Cloud version but it does not require GeoMoS Monitor as a data source. Data file in text or .csv or .csv format containing total station or digital level coordinates can be directly uploaded to this web-service. After the upload, all functions of GeoMoS Now! are available.</p>			
5307371	GeoMoS Now! Survey Edition, 1 year subscription	\$	1,190
<p><b>GeoMoS Now! Survey Edition - 180 Days Trial Subscription</b></p>			
5307372	GeoMoS Now! Survey Edition, 180 days trial subscription	\$	N/C

**GeoMoS Now! On-Premises Version (Local hosting)**

		<b>GeoMoS Now! Subscription (1 year)</b> 5306246	<b>GeoMoS Demo (1 year)</b> 780 059	<b>GeoMoS Evaluation (30 days)</b> 774 328
<b>Additional user option</b>	5306247	○	-	-
<b>600 points per view option</b>	5306248	○	-	-
<b>Unlimited points option</b>	5306249	○	●	●
<b>DVD-ROM included</b>	723 367	●	●	●

● Standard  
○ Optional  
- Not available

5306246	GeoMoS Now! (On-Premises - Leica Hosting) - 1 year subscription - Software package for local hosting - Unlimited number of GeoMoS Monitor project databases and GeoMoS Now! views - Unlimited number of GeoMoS Now! views per GeoMoS Monitor project database - Per user the access role "Editor" or "Observer" can be defined. The "Editor" can create and configure the GeoMoS Now! views. - A single user can access unlimited number of GeoMoS Now! views. - Limitation: Max. 2 users of GeoMoS Now! and use of GeoMoS Monitor databases with up to 100 points. For additional users please order 5306247	\$	2,840
5306247	GeoMoS Now! - Additional user - The additional user option adds a user account for 1 year to the GeoMoS Now! subscription (5306246). - Additional users are required to manage the access rights to the different projects.	\$	510
5306248	GeoMoS Now! - 600 Points option - The extended points options add points to the GeoMoS Now! subscription (5306246) - Increases the number of points per GeoMoS Now! view to max 600 points	\$	1,250
5306249	GeoMoS Now! - Unlimited Points Option - The unlimited points option adds unlimited points to the GeoMoS Now! subscription (5306246) - Unlimited number of points per GeoMoS Now! view.	\$	6,080

**GeoMoS Now! On-premises version (Local hosting) perpetual license**

848762	GeoMoS Now! (Cloud Ver - Leica Hosting - Perpetual License) - 1 year subscription	\$	3,810
848763	GeoMoS Now! - Additional User	\$	670
848764	GeoMoS Now! - 600 Points Option per View	\$	1,670
848765	GeoMoS Now! - Unlimited Points Option	\$	8,130

**GeoMoS Demo (1 Year)**

780059	GeoMoS Demo (1 Year) GeoMoS Demo is for demonstration purposes only and is not for commercial sale. GeoMoS Demo has the same functionality as GeoMoS Monitor, GeoMoS Analyzer and GeoMoS Adjustment, but cannot be used for permanent monitoring. - GeoMoS Monitor: The automatic measurement will only run for a limited time (TPS Sensor measurements = 100, geotechnical measurements = 500) - GeoMoS Analyzer: All functionality included. - GeoMoS Adjustment: The automatic computation will only run for a limited time (epochs = 3). The manual computation will only run for a limited number of adjustments (15 points, 55 total station measurements, 20 GNSS baselines). The design mode will only run for a limited number of points (15 points) and with XML file import - GeoMoS HiSpeed: All functionality included. - GeoMoS Now! On-premises version (Local hosting) Includes two users and unlimited number of points	\$	250
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**GeoMoS Demo does not include GeoMoS Monitor Option 3**

**GeoMoS Evaluation (30 days)**

774328	GeoMoS Evaluation (30 days) GeoMoS Evaluation is for demonstration purposes only and is not for commercial sale. GeoMoS Evaluation has the same functionality as a full GeoMoS Monitor, GeoMoS Analyzer and GeoMoS Now! On-Premises version (Local hosting) license. GeoMoS Evaluation can be used for a period of 30 days for permanent monitoring demonstration. The automatic measurement will not be stopped. The long term use of GeoMoS Evaluation will be reviewed by Monitoring Support Staff.	\$	50
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**GeoMoS Evaluation does not include Leica GeoMoS Adjustment and Leica GeoMoS HiSpeed.**



**Leica GNSS Spider**

All active RT Positioning Products (with the "Send To" option set to GeoMoS) and PP Positioning Products configured in GNSS Spider can be used in GeoMoS. Thus many GNSS sensors may be connected using a single entry in the GeoMoS Sensor Manager.

Positioning Site Licences are cumulative between RT and PP Positioning Products. For example, to use 10 sites simultaneously in both RT and PP Positioning Products requires 20 Positioning Site Licences. There is no limit to the number of Positioning Products (baselines) that may be configured if the number of sites used (including reference and rover sites) does not exceed the number of Positioning Site Licences

812396	GNSS Spider Basic License (Floating) - GNSS Reference Station Software, basic license (floating), with documentation - Provides full Leica receiver control, configuration, manual download, firmware upgrade - Supports various communication channels to sites: Serial, Modem, TCP/IP or Ntrip	\$	500
812410	Spider Basic Site Server Option. - Provides active and passive connections to sites using various standardized and proprietary 3rd party data formats. - Provides basic real time data output for any site on the Site Server Standard RTCM and proprietary data formats (Leica, CMR, CMR+) through various com. channels (Serial, Modem, TCP/IP) are supported. - Includes management and distribution of GNSS Spider event information via e-mail	\$	5,000

**Required once per network**

812416	Spider Positioning Site License. - Provides usage for one site in either a Real-Time or Post-Processing Positioning Product	\$	1,350
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Required for each site that shall be used in Spider position processing.

A minimum of 2 of these licenses is needed for processing one baseline.

Positioning Site Licences are cumulative between Real-Time and PostProcessing Positioning Products. For example, to use 10 sites simultaneously in both Real-Time and Post-Processing Products requires 20 Positioning Site Licences. There is no limit to the number of Positioning Products (baselines) that may be configured if the number of sites used (including reference and rover sites) does not exceed the number of Positioning Site Licences.

812414	Spider File Product Site License. - Provides automated data download and management for one site with automated RINEX conversion, quality control, event logging, FTP transfer	\$	1,350
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Required for each site that shall be use this function.

**Leica GeoMoS HiSpeed**

Leica GeoMoS HiSpeed is a professional software tool for sophisticated and reliable deformation analysis of high rate data.

788239	GeoMoS HiSpeed - GeoMoS HiSpeed (high-speed data acquisition for NIVEL200 and GNSS sensors, 'Real-time data analyzes (NIVEL200, GNSS NMEA and Spider Products), display offline graphics	\$	2,730
788240	GeoMoS HiSpeed Option 1	\$	1,850

**Leica SpiderQC**

Leica SpiderQC can be used as an alternative to GeoMoS as a high speed analyzer for use together with Leica GNSS Spider for GNSS monitoring and tilt sensors.

The following options are required for Analysis of Real Time and Post Processed Positioning Data from Spider

812398	SpiderQC Basic License (Floating). - Provides manual single RINEX file quality checks - Does not include generation of graphs or advanced reports and automation - Provides analysis of a single NMEA data stream or log file. - Provides analysis of various GNSS Spider log files - Provides various GNSS tools	\$	500
812438	SpiderQC Advanced Coordinate Analysis - Provides high speed calculation and graphing of displacement, messaging and time limits for real time NMEA and GNSS Spider Post-Processing coordinate	\$	1,670

**Leica CrossCheck**

Leica CrossCheck is a web based service for GNSS reference network coordinate calculation, integrity monitoring and deformation monitoring

**Leica CrossCheck - Single Computation Service**

5002093	CrossCheck Coordinate Service Base Fee	\$	3,980
5002076	CrossCheck Coordinate Service Site Fee	\$	30

The Single Computation Service enables customers to obtain high accuracy coordinates for their reference station network without the need to invest in specialist GNSS processing expertise, software or IT infrastructure. The site coordinates are computed in the customer's chosen datum. A PDF report with site coordinates and accuracies is provided via email to the customer

The CrossCheck Coordinate Service Base Fee includes a single processing of data from one or more GNSS sites according to the number of CrossCheck Coordinate Service Site Fee that are purchased. A combined network adjustment is computed using all sites and multiple days of data (if available, and not more than one month of data). One processing report is provided for each CrossCheck Coordinate Service Base Fee purchased.

**Leica CrossCheck - Monitoring Service**

5002094	CrossCheck Monitoring Setup Fee	\$	3,010
5302771	CrossCheck Quarterly Subscript. Base Fee	\$	1,970
5302772	CrossCheck Quarterly Subscript. Per Site	\$	60
5002120	CrossCheck Administration Fee	\$	200

The Monitoring Service provides for detection and warning of antenna movements in near real time for networks of GNSS reference stations or monitoring sites. Site coordinates are calculated at a user defined interval. The solution is tailored to the needs of the customers network/project, including the processing interval, processing strategy, coordinate datum, limit checks and content of the secure online web service. An email messaging service is offered to provide warning when a significant movement occurs.

The CrossCheck Monitoring Setup Fee is a one time fee to setup the automatic processing service and web access. The ongoing processing of the GNSS data is provided by the CrossCheck Quarterly Subscription Base Fee and CrossCheck Quarterly Subscription Per Sites fees. Customers requested modifications to the service subsequent to the initial setup require a CrossCheck Administration Fee to be paid. Changes to the service include: adding, removing or changing sites, changing the processing strategy

**Customer Care Packages - GeoMoS****GeoMoS Monitor CCP Basic**

6004311	1 yr GeoMoS Monitor CCP Basic	\$	Dynamic
6004312	2 yr GeoMoS Monitor CCP Basic	\$	Dynamic
6004313	3 yr GeoMoS Monitor CCP Basic	\$	Dynamic

**GeoMoS Analyzer CCP Basic**

6004324	1 yr GeoMoS Analyzer CCP Basic	\$	Dynamic
6004325	2 yr GeoMoS Analyzer CCP Basic	\$	Dynamic
6004326	3 yr GeoMoS Analyzer CCP Basic	\$	Dynamic

**GeoMoS Adjustment CCP Basic**


6004330	1 yr GeoMoS Adjustment CCP Basic	\$	Dynamic
6004332	2 yr GeoMoS Adjustment CCP Basic	\$	Dynamic
6004333	3 yr GeoMoS Adjustment CCP Basic	\$	Dynamic

**GeoMoS HiSpeed CCP Basic**

6005632	1 yr GeoMoS HiSpeed CCP Basic	\$	Dynamic
6005633	2 yr GeoMoS HiSpeed CCP Basic	\$	Dynamic
6005634	3 yr GeoMoS HiSpeed CCP Basic	\$	Dynamic

**GeoMoS Now! CCP Basic**

6011436	1 yr GeoMoS Now! CCP Basic	\$	Dynamic
6011437	2 yr GeoMoS Now! CCP Basic	\$	Dynamic
6011438	3 yr GeoMoS Now! CCP Basic	\$	Dynamic

USA	Effective Date	5-Nov-17			\$USD
	Product Code	Sub-Code	Description		Price
<b>Customer Care Package Calculator - GeoMoS</b>					
	<b>GeoMos Monitor CCP - Basic</b>				
	6004311	1 yr GeoMOS Monitor CCP Basic		\$	4,810
	6004312	2 yr GeoMOS Monitor CCP Basic		\$	8,230
	6004313	3 yr GeoMOS Monitor CCP Basic		\$	11,440
	<b>GeoMos Analyzer CCP - Basic</b>				
	6004324	1 yr GeoMOS Analyzer CCP Basic		\$	1,310
	6004325	2 yr GeoMOS Analyzer CCP Basic		\$	2,330
	6004326	3 yr GeoMOS Analyzer CCP Basic		\$	3,310
	<b>GeoMos Adjustment CCP - Basic</b>				
	6004330	1 yr GeoMOS Adjustment CCP Basic		\$	3,720
	6004332	2 yr GeoMOS Adjustment CCP Basic		\$	6,680
	6004333	3 yr GeoMOS Adjustment CCP Basic		\$	9,480
	<b>GeoMos HiSpeed CCP - Basic</b>				
	6005632	1 yr GeoMOS HiSpeed CCP Basic		\$	890
	6005633	2 yr GeoMOS HiSpeed CCP Basic		\$	1,620
	6005634	3 yr GeoMOS HiSpeed CCP Basic		\$	2,300
<b>1 Yr GeoMoS CCP's - Total (from worksheet below)</b>					<b>10,730</b>
<b>2 Yr GeoMoS CCP's - Total (from worksheet below)</b>					<b>18,860</b>
<b>3 Yr GeoMoS CCP's - Total (from worksheet below)</b>					<b>26,530</b>

**GeoMoS CCP's - Worksheet**

Enter Quantities

<b>GeoMos Monitor</b>				
774119	GeoMoS Monitor		<b>1</b>	----
<b>a) Software Maintenance</b>				
5301460	1 yr GeoMoS Monitor SW Maint.		1	220
5301461	2 yr GeoMoS Monitor SW Maint.		1	400
5301462	3 yr GeoMoS Monitor SW Maint.		1	560
<b>b) Customer Support</b>				
5301490	1 yr GeoMoS Monitor Customer Support		1	70
5301491	2 yr GeoMoS Monitor Customer Support		1	130
5301492	3 yr GeoMoS Monitor Customer Support		1	190
<b>GeoMoS Sensor License</b>				
774134	GeoMoS Sensor License		<b>31</b>	----
<b>a) Software Maintenance</b>				
5301463	1 yr GeoMoS Sensor License SW Maint.		31	620
5301464	2 yr GeoMoS Sensor License SW Maint.		31	930
5301465	3 yr GeoMoS Sensor License SW Maint.		31	1,240
<b>b) Customer Support</b>				
5301493	1 yr GeoMoS Sensor License Customer Support		31	310
5301494	2 yr GeoMoS Sensor License Customer Support		31	310
5301495	3 yr GeoMoS Sensor License Customer Support		31	310
<b>GeoMoS Monitor Option 1</b>				
774135	GeoMoS Monitor Option 1 (Computation)		<b>1</b>	----
<b>a) Software Maintenance</b>				
5301466	1 yr GeoMoS Monitor Option 1 SW Maint.		1	770
5301467	2 yr GeoMoS Monitor Option 1 SW Maint.		1	1,390
5301468	3 yr GeoMoS Monitor Option 1 SW Maint.		1	1,970
<b>b) Customer Support</b>				
5301496	1 yr GeoMoS Monitor Option 1 Customer Support		1	260
5301497	2 yr GeoMoS Monitor Option 1 Customer Support		1	460
5301498	3 yr GeoMoS Monitor Option 1 Customer Support		1	660

<b>GeoMoS Monitor Option 2</b>			
774136	GeoMoS Monitor Option 2 (Limit Checks and Messaging).	1	----
<b>a) Software Maintenance</b>			
5301469	1 yr GeoMoS Monitor Option 2 SW Maint.	1	410
5301470	2 yr GeoMoS Monitor Option 2 SW Maint.	1	740
5301471	3 yr GeoMoS Monitor Option 2 SW Maint.	1	1,050
<b>b) Customer Support</b>			
5301499	1 yr GeoMoS Monitor Option 2 Customer Support	1	140
5301500	2 yr GeoMoS Monitor Option 2 Customer Support	1	250
5301501	3 yr GeoMoS Monitor Option 2 Customer Support	1	350
<b>GeoMoS Monitor Option 3</b>			
774137	GeoMoS Monitor Option 3 (Export Service for GeoMoS Adjustment).	1	----
<b>a) Software Maintenance</b>			
5302894	1 yr GeoMoS Monitor Option 3 SW Maint.	1	180
5302895	2 yr GeoMoS Monitor Option 3 SW Maint.	1	320
5302896	3 yr GeoMoS Monitor Option 3 SW Maint.	1	450
<b>b) Customer Support</b>			
5302900	1 yr GeoMoS Monitor Option 3 Customer Support	1	60
5302901	2 yr GeoMoS Monitor Option 3 Customer Support	1	110
5302902	3 yr GeoMoS Monitor Option 3 Customer Support	1	150
<b>GeoMoS Monitor Option 4</b>			
807098	GeoMoS Monitor Option 4 (Scanning)	1	----
<b>a) Software Maintenance</b>			
5305622	1 yr GeoMoS Monitor Option 4 SW Maint.	1	1,330
5305623	2 yr GeoMoS Monitor Option 4 SW Maint.	1	2,390
5305624	3 yr GeoMoS Monitor Option 4 SW Maint.	1	3,380
<b>b) Customer Support</b>			
5305625	1 yr GeoMoS Monitor Option 4 Customer Support	1	440
5305626	2 yr GeoMoS Monitor Option 4 Customer Support	1	800
5305627	3 yr GeoMoS Monitor Option 4 Customer Support	1	1,130
<b>GeoMoS Analyzer</b>			
774120	GeoMoS Analyzer	1	----
<b>a) Software Maintenance</b>			
5301472	1 yr GeoMoS Analyzer SW Maint.	1	590
5301473	2 yr GeoMoS Analyzer SW Maint.	1	1,060
5301474	3 yr GeoMoS Analyzer SW Maint.	1	1,500
<b>b) Customer Support</b>			
5301502	1 yr GeoMoS Analyzer Customer Support	1	200
5301503	2 yr GeoMoS Analyzer Customer Support	1	350
5301504	3 yr GeoMoS Analyzer Customer Support	1	500
<b>GeoMoS Analyzer Option 1</b>			
774138	GeoMoS Analyzer Option 1 (TPS Post Processing)	1	----
<b>a) Software Maintenance</b>			
5301475	1 yr GeoMoS Analyzer Option 1 SW Maint.	1	390
5301476	2 yr GeoMoS Analyzer Option 1 SW Maint.	1	690
5301477	3 yr GeoMoS Analyzer Option 1 SW Maint.	1	980
<b>b) Customer Support</b>			
5301505	1 yr GeoMoS Analyzer Option 1 Customer Support	1	130
5301506	2 yr GeoMoS Analyzer Option 1 Customer Support	1	230
5301507	3 yr GeoMoS Analyzer Option 1 Customer Support	1	330
<b>GeoMoS Adjustment</b>			
774121	GeoMoS Adjustment	1	----
<b>a) Software Maintenance</b>			
5302897	1 yr GeoMoS Adjustment SW Maint.	1	2,790
5302898	2 yr GeoMoS Adjustment SW Maint.	1	5,010
5302899	3 yr GeoMoS Adjustment SW Maint.	1	7,110
<b>b) Customer Support</b>			
5302903	1 yr GeoMoS Adjustment Customer Support	1	930
5302904	2 yr GeoMoS Adjustment Customer Support	1	1,670
5302905	3 yr GeoMoS Adjustment Customer Support	1	2,370

<b>GeoMoS HiSpeed</b>			
788239	GeoMoS HiSpeed	1	----
<b>a) Software Maintenance</b>			
5304045	1 yr GeoMoS HiSpeed SW Maint.	1	400
5304046	2 yr GeoMoS HiSpeed SW Maint.	1	730
5304047	3 yr GeoMoS HiSpeed SW Maint.	1	1,030
<b>b) Customer Support</b>			
5304061	1 yr GeoMoS HiSpeed Customer Support	1	130
5304062	2 yr GeoMoS HiSpeed Customer Support	1	240
5304063	3 yr GeoMoS HiSpeed Customer Support	1	340
<b>GeoMoS HiSpeed Option 1</b>			
788240	GeoMoS HiSpeed Option 1	1	----
<b>a) Software Maintenance</b>			
5304048	1 yr GeoMoS HiSpeed Option 1 SW Maint.	1	270
5304049	2 yr GeoMoS HiSpeed Option 1 SW Maint.	1	490
5304060	3 yr GeoMoS HiSpeed Option 1 SW Maint.	1	700
<b>b) Customer Support</b>			
5304064	1 yr GeoMoS HiSpeed Option 1 Customer Support	1	90
5304065	2 yr GeoMoS HiSpeed Option 1 Customer Support	1	160
5304067	3 yr GeoMoS HiSpeed Option 1 Customer Support	1	230

USA	Effective Date	5-Nov-17				\$USD
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<b>Customer Care Package Calculator - GeoMoS Now!</b>						
<b>GeoMos Now! CCP - Basic</b>						
	6011436	1 yr GeoMoS Now! CCP Basic		\$		3,470
	6011437	2 yr GeoMoS Now! CCP Basic		\$		6,240
	6011438	3 yr GeoMoS Now! CCP Basic		\$		8,840
<b>1 Yr GeoMoS Now! CCP's - Total (from worksheet below)</b>						<b>3,470</b>
<b>2 Yr GeoMoS Now! CCP's - Total (from worksheet below)</b>						<b>6,240</b>
<b>3 Yr GeoMoS Now! CCP's - Total (from worksheet below)</b>						<b>8,840</b>

**GeoMoS Now! CCP's - Worksheet**

Enter Quantities

<b>GeoMos Now!</b>						<b>1</b>	----
<b>a) Software Maintenance</b>							
	5307374	1 yr GeoMoS Now! SW Maint.		1		560	
	5307375	2 yr GeoMoS Now! SW Maint.		1		1,010	
	5307376	3 yr GeoMoS Now! SW Maint.		1		1,430	
<b>b) Customer Support</b>							
	5307386	1 yr GeoMoS Now! Cust. Support		1		190	
	5307387	2 yr GeoMoS Now! Cust. Support		1		340	
	5307388	3 yr GeoMoS Now! Cust. Support		1		480	
<b>Additional User</b>						<b>1</b>	----
<b>a) Software Maintenance</b>							
	5307377	1 yr GeoMoS Now! Add. User SW Maint.		1		100	
	5307378	2 yr GeoMoS Now! Add. User SW Maint.		1		180	
	5307379	3 yr GeoMoS Now! Add. User SW Maint.		1		250	
<b>b) Customer Support</b>							
	5307389	1 yr GeoMoS Now! Add. User Cust. Support		1		30	
	5307390	2 yr GeoMoS Now! Add. User Cust. Support		1		60	
	5307391	3 yr GeoMoS Now! Add. User Cust. Support		1		80	
<b>600 Points</b>						<b>3</b>	----
<b>a) Software Maintenance</b>							
	5307380	1 yr GeoMoS Now! 600 Points SW Maint.		3		750	
	5307381	2 yr GeoMoS Now! 600 Points SW Maint.		3		1,320	
	5307382	3 yr GeoMoS Now! 600 Points SW Maint.		3		1,890	
<b>b) Customer Support</b>							
	5307392	1 yr GeoMoS Now! 600 Points Cust. Supp.		3		240	
	5307393	2 yr GeoMoS Now! 600 Points Cust. Supp.		3		450	
	5307394	3 yr GeoMoS Now! 600 Points Cust. Supp.		3		630	
<b>Unlimited Points</b>						<b>1</b>	----
<b>a) Software Maintenance</b>							
	5307383	1 yr GeoMoS Now! Unlim. Points SW Maint.		1		1,200	
	5307384	2 yr GeoMoS Now! Unlim. Points SW Maint.		1		2,160	
	5307385	3 yr GeoMoS Now! Unlim. Points SW Maint.		1		3,060	
<b>b) Customer Support</b>							
	5307395	1 yr GeoMoS Now! Unlim. Pts Cust. Supp.		1		400	
	5307396	2 yr GeoMoS Now! Unlim. Pts Cust. Supp.		1		720	
	5307397	3 yr GeoMoS Now! Unlim. Pts Cust. Supp.		1		1,020	